Row 1 Administrative Data	required information. If required data field inf Reporter Name		Submission date.	Co 143296 :) Interr 723			Internal ID 723	
Data	Address	-						
	Phone #			Phone #				
	New	Location and Chuluota, FL 6/3/2004	date of incident	Date registrant became aware of incident. 10/10/2004		Was incident	part of la	arger study? <i>No</i>
Row 2 Pesticide(s)	EPA Registration # (Prod 62719-4	uct 1)	EPA Registration	on # (Product 2)		EPA Registr	ation #	(Product 3
Involved	A.I. (s)		A.I. (s)	s)		A.I. (s)		
	Product 1 name Vikane Gas Fumigant		Product 2 Nam	е		Product 3 N	ame	
	Exposed to concentrate prior to dilution? NA		Exposed to concentrate prior to dilution?			Exposed to concentrate prior to dilution?		
	Formulation: Formulation:				100	Formulation		luct): (example
Row 3 Incident Circumstances	Evidence label directions were not followed? No Intentional misuse? No	school, indu surface water building/off	e: (examples inclustrial, nursery/gr er, commercial tu fice, forest/ wood p) right-of-way (eenhouse, irf, s, agricultural	includ applic mainte manuf	e mixing/load ation, transpo enance of app facturing/ for ncident Desc	ding, recortation, olication mulating	entry, , repair/ n equipment, g).
	Applicator certified PCO? Yes	See Inciden	nt Description No	otes	See I	nciaeni Desc	ripiion	Notes
	How exposed: (examples include direct contact with treated surface, ingestion, spill, drift, runoff)							D = 7
	See Incident Description Notes							Report: Yes If no, why: Date:
								10,00

Brief description of incident circumstances.

--- Sun Oct 10, 2004 @ 21:35

Caller reports that her home was fumigated on May 30, 2004. She re-entered home on June 3 and immediately became overcome by strong irritating vapors when she entered her utility room. She described the smell in her home as putrid. When she started feeling faint and experienced heart palpitations, 911 was called. Following her transfer to ER, they were unable find anything distinctly wrong on her physical exam other than a BP of 205/100. Chest x-ray was unremarkable. Caller states that she complained about her eyes to the ER doctors, but they did not seem to address this particular complaint. They were focused primarily on her high BP. Caller reports that she was extremely anxious at the time, and was also hyperventilating. Neither the paramedics or the ER had irrigated her eyes on June 3. She is not sure what they used to treat her with on June 3, while she was in the ER.

Following her transfer to the ER, steps were taken to ventilate the home as thoroughly as possible using fans. PCO assisted with this ventilation. Caller states it took about 2 weeks before the noxious odor completely dissipated from the home.

Ever since the incident, caller states she has been experiencing persistent eye irritation and what her ophthamologist has diagnosed her with dry eyes. She also complains of photosensitivity. She is currently using OTC lubicating drops as well as prescription eye drops.

Caller relates that her husband also experienced eye irritation, but this was less severe in nature and short lived once they ventilated home. Husband had not entered utility room, where caller claims the irritating vapors were the strongest.

Caller is wondering whether the warning agent, chloropicrin could cause permanent eye damage, or long-term complications as she is experiencing. She is worried about the warnings regarding eye injury on the MSDS.

Caller mentions that she has enlisted the help of an attorney named Scott Frazier, and expressed her desire to get a trial by jury. Appears that she is contemplating taking legal action against the PCO, Mike Murrel of Kissammee, FL. He was sub-contracted by Terminex.

REC: When Vikane is used in conjunction with chloropicrin according to strict guidelines that are to be followed by the PCO, there should be no health-related complications once the home is cleared for reentry. Irritation of the mucosa and eyes caused by residual chloropicrin typically clears within minutes to hours following movement of affected people out of a treated structure without any lingering ill-effects. Warning regarding eye injury on chloropicrin MSDS relates to exposure to the concentrate which would not have likely occurred on her re-entry to the home 4 days following fumigation. At this point, there is no reasonable medical explanation for her eye problems that would be associated with residual chloropicrin in a Vikane fumigated home.

Suggested she continue to work with her ophthamologist on diagnosis and treatment. Explained that we would be glad to answer any questions her doctors may have regarding Vikane, chloropicrin, and her current illness.

Voluntary Industry Reporting Form for 6(a)(2) Incident Information Involving Humans

Provide all known, required informati	on. If required data field information	is unknown, designate as such in appro-	The state of the s
Demographic information:	Exposure route:	Was adverse effect result of	Was protective clothing worn
Age: 55 yrs Sex: Female	Ocular	suicide/homicide or attempted	(specify)?
Occupation (if relevant)		suicide/homicide?	Not applicable
NA		No	Not applicable
If female, pregnant?	Was exposure occupational?	Time between exposure and	i
No	No	onset of symptoms:	
!	If yes, days lost due to illness:	< 1 hr	
	NA .		TC1-1-44
Type of medical care sought:	List signs/symptoms/adverse effe	ects	If lab tests were performed, list test names and results (If
(examples include none, clinic,	_		available, submit reports)
hospital emergency department,	Hypertension		available, sublish reports)
private physician, PCC, hospital	Blurred vision		Chest x-ray unremarkable
inpatient).	Ocular Irritation/pain		Chest x-ray unremarkable
Hospital emergency	Lacrimation		
department	Photophobia		
Exposure data:	1		
Amount of pesticide:			
Exposure duration:			
Acute, ≤ 8 hours			
Weight:			
Human severity category:	}		
HC .			

This box can be used to provide any explanatory or qualifying information surrounding the incident. (add additional pages if necessary)

Re-entry into a treated dwelling is not permitted until Vikane levels drop below 5 ppm, a level known to be well below the threshold for potential toxicity. Chloropicrin, a lacrimating warning agent, is also used with Vikane and may produce eye irritation and upper respiratory irritation. Chloropicrin would typically have dissipated by the time the tenants returned to the residence. The Vikane and chloropicrin would most certainly be completely dissipated by October 10, 2004, the day the patient made the initial report to the registrant of ongoing signs and symptoms.

In formulating a differential diagnosis for this patient's problems, one must also consider the possibility of an atypical form of conjunctivitis of viral origin which may be slow to resolve and causes "dry eye" symptoms without the florid findings typical of epidemic conjunctivitis. Patients with this type of atypical conjunctivitis may be experiencing an increased sensitivity to any airborne irritants.

Internal ID #
723

Voluntary Industry Reporting Form for 6(a)(2) Adverse Effects Incident Information

Provide all known,	required information. If required	red data field in	formation is unkno	wn, designate as su	ch in ap		# 1of 3	
Row 1 Administrative	Reporter Name		Submission date.	Contact person (if diff		erent than reporter)	Internal ID 724	
Data	Address		Address					
	Phone #			Phone #				
	Incident Status:		date of incident Date registra became awar		of	Was incident part of	art of larger study? No	
	New	Chuluota, FL 32766 6/3/2004		incident. 10/10/2004				
Row 2 Pesticide(s)	EPA Registration # (Product 1) 62719-4		EPA Registration	n # (Product 2) EPA Registration # (Pro		(Product 3		
Involved	A.I. (s)		A.I. (s)			A.I. (s)		
	Product 1 name Vikane Gas Fumigant	Product 2 Name			Product 3 Name			
	Exposed to concentrate p dilution? NA	Exposed to concentrate prior to dilution?			Exposed to concentrate prior to dilution?			
	Formulation:		Formulation:			Formulation:	1 2 (1	
Row 3 Incident Circumstances	Evidence label directions were not followed? <i>No</i> Intentional misuse? <i>No</i>	school, indu surface wat building/off	e: (examples inclustrial, nursery/gr er, commercial tu fice, forest/ wood pp) right-of-way (include mixing/loadir application, transport maintenance of applic rail, utility, manufacturing/ formu		cation, transportation enance of applicatio	eentry, n, repair/ n equipment,	
	Applicator certified PCO? Yes		nt Description No	otes	See I	Incident Description	Notes	
	How exposed: (examples include direct contact with treated surface, ingestion, spill, drift, runoff)							
	See Incident							

Brief description of incident circumstances.

--- Sun Oct 10, 2004 @, 21:35

Caller reports that her home was fumigated on May 30, 2004. She re-entered home on June 3 and immediately became overcome by strong irritating vapors when she entered her utility room. She described the smell in her home as putrid. When she started feeling faint and experienced heart palpitations, 911 was called. Following her transfer to ER, they were unable find anything distinctly wrong on her physical exam other than a BP of 205/100. Chest x-ray was unremarkable. Caller states that she complained about her eyes to the ER doctors, but they did not seem to address this particular complaint. They were focused primarily on her high BP. Caller reports that she was extremely anxious at the time, and was also hyperventilating. Neither the paramedics or the ER had irrigated her eyes on June 3. She is not sure what they used to treat her with on June 3, while she was in the ER.

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Caller relates that her husband also experienced eye irritation, but this was less severe in nature and short lived once they ventilated home. Husband had not entered utility room, where caller claims the irritating vapors were the strongest.

Caller is wondering whether the warning agent, chloropicrin could cause permanent eye damage, or long-term complications as she is experiencing. She is worried about the warnings regarding eye injury on the MSDS.

Caller mentions that she has enlisted the help of an attorney named Scott Frazier, and expressed her desire to get a trial by jury. Appears that she is contemplating taking legal action against the PCO, Mike Murrel of Kissammee, FL. He was sub-contracted by Terminex.

REC: When Vikane is used in conjunction with chloropicrin according to strict guidelines that are to be followed by the PCO, there should be no health-related complications once the home is cleared for reentry. Irritation of the mucosa and eyes caused by residual chloropicrin typically clears within minutes to hours following movement of affected people out of a treated structure without any lingering ill-effects. Warning regarding eye injury on chloropicrin MSDS relates to exposure to the concentrate which would not have likely occurred on her re-entry to the home 4 days following fumigation. At this point, there is no reasonable medical explanation for her eye problems that would be associated with residual chloropicrin in a Vikane fumigated home.

Suggested she continue to work with her ophthamologist on diagnosis and treatment. Explained that we would be glad to answer any questions her doctors may have regarding Vikane, chloropicrin, and her current illness.

Voluntary Industry Reporting Form for 6(a)(2) Incident Information Involving Humans

Provide all known, required information. If required data field information is unknown, designate as such in appropriate area. Page# 3 of 3

Provide all known, required informat	on. If required data field information	is unknown, designate as such in appro-	137
Demographic information:	Exposure route:	Was adverse effect result of	Was protective clothing worn
Age: 59 yrs Sex: Male	Ocular	suicide/homicide or attempted	(specify)?
Occupation (if relevant)		suicide/homicide?	
NA		No	Not applicable
If female, pregnant?	Was exposure occupational?	Time between exposure and	
NA	No	onset of symptoms:	
	If yes, days lost due to illness:	< 1 hr	
	NA		
Type of medical care sought:	List signs/symptoms/adverse effe	cts	If lab tests were performed,
(examples include none, clinic,			list test names and results (If
hospital emergency department,	Ocular Irritation/pain		available, submit reports)
private physician, PCC, hospital	1		
inpatient).			
None			
Trone			
Exposure data:	,		
Amount of pesticide:			
Exposure duration:			
Acute, \le 8 hours			
Weight:			
Working.			
Human severity category:	1		
HD			
1111			
		1: A : i i idant (add addition	nal pages if necessary)
This box can be used to provide any	explanatory or qualifying information	surrounding the incident. (add addition	iai pages ii necessary)

This box can be used to provide any explanatory or qualifying information surrounding the incident. (add additional pages if necessary)

Re-entry into a treated dwelling is not permitted until Vikane levels drop below 5 ppm, a level known to be well below the threshold for potential toxicity. Chloropicrin, a lacrimating warning agent, is also used with Vikane and may produce eye irritation and upper respiratory irritation. Chloropicrin would typically have dissipated by the time the tenants returned to the residence.

Internal ID # 724

Row 1	required information. If requ Reporter Name	ned data neid in	Submission		152	2493 Internal ID 731	
Administrative Data			date.			731	
	Address			Address			
	Phone #			Phone #			
	Incident Status:	Tustin, CA	date of incident	Date registrant became aware incident.		Was incident part of larger study? No	
	New	9/8/2004		10/13/2004			
Row 2	EPA Registration # (Proc 62719-4	EPA Registration # (Product 1) 62719-4		EPA Registration # (Product 2)		EPA Registration # (Product 3	
Pesticide(s) Involved	A.I. (s)		A.I. (s)		A.I. (s)		
			,				
	Product 1 name Vikane Gas Fumigant		Product 2 Name			Product 3 Name	
	Exposed to concentrate p dilution? NA	orior to	dilution?	centrate prior to	<u> </u>	Exposed to concentrate prior to dilution?	
	Formulation:		Formulation:		T 0'-	Formulation:	
Row 3	Evidence label directions were not	school, indu	: (examples inclustrial, nursery/grees, commercial tur	enhouse,	inclu	tion (act of using product): (example de mixing/loading, reentry, cation, transportation, repair/	
Incident Circumstances	followed? No Intentional misuse? No	building/offi (specify crop	ice, forest/ woods p) right-of-way (r	s, agricultural main		intenance of application equipment, nufacturing/ formulating).	
	Applicator certified PCO? <i>Not applicable</i>	highway)). See Inciden	nt Description Notes		See Incident Description Notes		
	How exposed: (examples include direct contact with treated surface,						
	ingestion, spill, drift, runoff)						
	See Incident Description Notes					DERBI: 15 Report: You If no, why: Date:	
			٠.			152493 Yes	

Brief description of incident circumstances.

--- Wed Oct 13, 2004 @ 11:12

Caller states house was fumigated on Aug. 31. Caller did not return with her husband until September 3. About 5 days later she started to experienced intermittent periods of dry eyes an general eye irritation that come and go. She is still experiencing these problems now. Her husband has been fine.

She reportedly has seen an ophthalmologist, but she is not clear what the ophthalmologist thought the was the cause of her dry eyes. She has been using lubricating drops to control her sxs.

A: Eye problems not likely related to the Vikane or the warning agent, chloropicrin, especially given the delayed onset after she re-entered her fumigated home. Suggested that she continue to follow with her doctor.

Demographic information: Age: 66 yrs Sex: F Occupation (if relevant) NA	Exposure route: Ocular	was adverse effect result of suicide/homicide or attempted suicide/homicide?	Was protective clothing worn (specify)? Not applicable
If female, pregnant? No	Was exposure occupational? No If yes, days lost due to illness: NA	Time between exposure and onset of symptoms: 4-7 days	
Type of medical care sought: (examples include none, clinic, hospital emergency department, private physician, PCC, hospital inpatient). Clinic doctor	List signs/symptoms/adverse eff Ocular irritation/pain Ocular dryness	ects	If lab tests were performed, list test names and results (If available, submit reports) None Reported
Exposure data: Amount of pesticide: Exposure duration: Acute, ≤ 8 hours Weight:	,		
Human severity category: HC			
Re-entry into a treated dwelling for potential toxicity. Chloropics respiratory irritation. Chloropic and chloropicin would most ce	is not permitted until Vikane leve rin, a lacrimating warning agent, rin would typically have dissipate rtainly be completely dissipated b symptoms. Also, patient did not	in surrounding the incident. (add addition of the surrounding the incident.) (add addition of the surrounding the surround is also used with Vikane and may also the time the tenants returned by Oct. 13, the day the patient made experience symptoms until about 5	n to be well below the threshold produce eye irritation and uppo to the residence. The Vikane the initial report to the

Internal ID # 731

Dow AgroSciences

Date: Alleged Adverse Effects Incident

E-mail to: <u>aerc@dow.com</u>

Date Call was Rec	eived: 10/25/04	1
Caller Name: Rich	ard	
Company: Aero P	est Control	
Street or P.O. Box	: E Hwy 44	,
City: Crystal Rive	r State: FL	Zip Code: 34423
Phone:	(cell)	

Product: Vikane

Problem: Richard from Aero Pest Control has a customer that claims her employees are in the hospital due to what the doctor says is "over exposure to pesticides."

is the customer that had a fumigation done on the 15th of October.

Richard did clear the business for 24-48 hours for the fumigation. They methodically went through the structure because the building was an old frame structure and the windows didn't open much. The scanner read less than 1 ppm when finished with the aeration process. Richard requested us to call and himself. He really needs direction as to how to handle this situation.

Sims, Amat, Stakenborg & Henry (Attorneys) 118 West Fort King Street Ocala, FL 34474 352-629-0480

Referred to: Eric Hobelmann by voice mail and this email

Sender Name: Jenny Sundquist

Sender Phone: 989-633-1728